OVERVIEW

This popular PROCESS TROUBLESHOOTING SEMINAR is conducted by the internationally acknowledged expert in his trade and author of several world renowned books. The presentation is interactive and would benefit all working in the process engineering field from novice engineers to the most experienced. The full spectrum of troubleshooting methodology, practical approach as well as process fundamentals are addressed in a challenging, stimulating and enthusiastic manner. It is eye opening, challenging and inspiring!

CONTENT


Compressors: Centrifugal Compressor Fundamentals, Relationship of Polytropic Head to Surge, Rotor Fouling, Measuring Compressor Efficiency, Reciprocating Compressor Fundamentals, Volumetric Compression Efficiency, Head-End Unloaders.

PRESENTERS

NORMAN LIEBERMAN is a chemical engineer with 35 years experience in process design and plant operations. He is an independent consultant specialising in oil refinery and chemical plant process problems and revamp studies.

Norman holds B.S and M.S degrees in Chemical Engineering from Copper and Purdue respectively and has taught in excess of 350 technical seminars on process troubleshooting and process equipment. He authored several highly acclaimed books - Troubleshooting Refinery Operations; Troubleshooting Process Operations 4th Ed; Troubleshooting Natural Gas Processing; Process Design for Reliable Operations 3rd Ed; A Working Guide to Process Equipment (co-authored by Elizabeth Lieberman); Troubleshooting Process Plant Control and Process Engineering for a small planet.

ELIZABETH LIEBERMAN is a chemical engineer with more than 20 years experience in the process industry. She works as a consultant in troubleshooting oil refinery and chemical plant process problems and is also experienced in ceramic processing, refractory processing and the conveying of non Newtonian fluids (slurry flow).

Elizabeth holds a Chemical Engineering BSc from the University of Wales and LRIC in chemistry. She co-authored the internationally acclaimed book “A Working Guide to Process Equipment” with Norman.
VENUE

Riviera on Vaal Hotel & Country Club  
(26° 40” 32.5’ S; 27° 56’ 17.5’ E)  
Mario Milani Drive  
Vereeniging  
Gauteng  
South Africa  
Tel: +27 (0)16 420 1300  
e-mail: reservations@rivieraonvaal.co.za  
Web Site: https://www.rivieraonvaal.co.za  
Directions: https://www.rivieraonvaal.co.za/map-and-directions  

SOUTH AFRICAN HOST: www.resolvekzn.co.za

This excellent opportunity for the Process Engineers is proudly hosted in South Africa by UNLOCK AND ALIGN FACILITATION CC. trading as RESOLVE, which also offers the facilitative consulting services of Andries Burger (Pr. Chem. Eng.)

Refer to www.resolvekzn.co.za for more information on this or other exciting opportunities hosted and presented by RESOLVE

COURSE FEE: (Excluding VAT)

The attendance fee (excluding VAT) is set at R 26 000 per attendee, which excludes travel and accommodation cost for the attendee. A late booking fee of R 2 500.00 per attendee will apply to registrations received after 31 March 2014.

Payment: On 31 March 2014 or thereafter upon registration an invoice would be sent to the nominated contact for payment by electronic transfer within 30 days. Late payment could result in put attendance reservation of attendance at jeopardy.

REGISTRATION

A MS-Word registration form can be obtained from the ‘Scheduled Events’ page of the RESOLVE web page at www.resolvekzn.co.za. Complete the required input fields and then either e-mail the form to andries@resolvekzn.co.za or fax it to 0865 477 846.

Positions are limited and will be filled on a first-come-first served basis.

RESERVATIONS:

Due to the popularity of this course early registration is advised as available places would be allocated according to sequence in which registrations are received.

Late payment could put reservation of attendance at risk. Full payment is the final guarantee of reservation.

For cancellations received before 31 March 2014, there would be no payment due. For cancellations received after 31 March 2014 there would be no refund and the full attendance fee would be due.

If you registered and are unable to attend the event you may substitute at any time. Such substitution and name changes must be communicated to RESOLVE by e-mail.

The programme could be subject to change at the discretion of Norman Lieberman or RESOLVE and in the event of illness the date or presenter could be altered.
Find herewith a request for the following reservation for the above training course:

REGISTRAR DETAIL:
Name: ___________________________   e-mail: ___________________________   Tel: ___________________________

INVOICE DETAIL:
Company Name: ___________________________   VAT Nr. ___________________________   Quotation Required? (Yes / No): __
Company Invoice Address: ___________________________   Order Nr. ___________________________
Invoice Contact Name: ___________________________   Invoice Contact e-mail: ___________________________   Invoice Contact Tel: ___________________________

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